

EAST Search History

EAST Search History (Prior Art)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|--------------------|------------------|---------|---------------------|
| L1 | 1 | "5837003".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 22:03 |
| L2 | 12 | nasser.xp. and ginsburg.in. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 22:04 |
| L3 | 28 | machold.in. and pump head | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 22:25 |
| L4 | 13 | machold.in. and pump head and nasser.xp. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 22:25 |
| L5 | 6 | machold.in. and (pump head).clm. and nasser. xp. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 22:26 |
| S1 | 272 | 607/104-107.ccls. and (vent\$3) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 15:47 |
| S2 | 1 | 10/627487 | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 08:30 |
| S3 | 1 | 10/627487 and vent | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 08:31 |
| S4 | 189 | 607/104-107.ccls. and (vent\$3 with (air or gas)) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:38 |
| S5 | 82 | 607/104-107.ccls. and (vent\$3 with (air or gas)) and catheter | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:49 |
| S6 | 20 | 607/104-107.ccls. and (vent\$3 with (air or gas) with circulat\$) and catheter | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:50 |
| S7 | 27 | 607/104-107.ccls. and (vent\$3 with air with line) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:52 |
| S8 | 156 | 607/104-107.ccls. and (vent\$3 with air) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:52 |
| S9 | 129 | S8 not S7 | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:52 |
| S10 | 110 | S9 not S6 | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:53 |
| S11 | 37 | S10 and (heat with exchang\$3) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 08:53 |

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| S12 | 60 | 607/104-107.ccls. and (air with purg\$3) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 11:48 |
| S13 | 158 | 607/104-107.ccls. and ((heat adj exchange) adj (liquid or fluid)) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 11:48 |
| S14 | 18 | 607/104-107.ccls. and ((heat adj exchange) adj (liquid or fluid)) and (air with (vent\$3 or purg\$3)) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 14:42 |
| S15 | 8 | nasser.xp. and machold. in. | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:30 |
| S16 | 1 | "5895418".pn. and escape | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 15:47 |
| S17 | 0 | 607/104-107.ccls. and (hyrophobic adj vent) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 15:47 |
| S18 | 11 | 607/104-107.ccls. and (hydrophobic adj vent) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:48 |
| S19 | 208 | (hydrophobic adj vent) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:56 |
| S20 | 50 | (hydrophobic adj vent) same reservoir | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:51 |
| S21 | 8 | (hydrophobic adj vent) same (prim\$3 with pump) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:49 |
| S22 | 32 | (hydrophobic adj vent) AND (heat adj exchange \$3) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:55 |
| S23 | 0 | (hydrophobic adj vent) AND (fluid with circulat \$3) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:55 |
| S24 | 56 | (hydrophobic adj vent) AND (fluid with circulat \$3) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:55 |
| S25 | 29 | S24 not S22 | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:56 |
| S26 | 105 | (hydrophobic adj vent) and pump | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:57 |
| S27 | 106 | (hydrophobic adj vent) and pump\$3 | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 15:57 |
| S28 | 41 | S27 and ((fluid or liquid) with circulat\$3) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 16:03 |
| S29 | 167 | S19 not S28 | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 16:03 |
| S30 | 64 | S29 and pump | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 16:03 |

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| S31 | 37 | 607/104-107.ccls. and pump and (constant with current) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:33 |
| S32 | 15 | 607/104-107.ccls. and pump same ((constant or maintain) with current) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:39 |
| S33 | 28 | 607/104-107.ccls. and (fill with level) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:41 |
| S34 | 291 | 607/104-107.ccls. and (fluid with level) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:42 |
| S35 | 0 | 607/104-107.ccls. and ((fluid with level) saem full) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:42 |
| S36 | 14 | 607/104-107.ccls. and ((fluid with level) same full) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:42 |
| S37 | 90 | 607/104-107.ccls. and (sensor with level) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:43 |
| S38 | 44 | 607/104-107.ccls. and (sensor with level with fluid) | US-PGPUB; USPAT | ADJ | OFF | 2006/08/25 22:43 |
| S39 | 16 | 607/104-107.ccls. and ((sensor with level with fluid) same valve) | US-PGPUB; USPAT | ADJ | ON | 2006/08/25 22:43 |
| S40 | 34 | 607/104-107.ccls. and noda.in. | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:22 |
| S41 | 63 | 607/104-107.ccls. and (fluid level) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:37 |
| S42 | 8 | "6620188" and (fluid level) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:42 |
| S43 | 0 | "6620188.pn." and (fluid level) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:42 |
| S44 | 0 | "6620188".pn. and (fluid level) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:42 |
| S45 | 1 | "6620188".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:42 |
| S46 | 1 | "6620188".pn. and level | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:43 |
| S47 | 1 | "6673098".pn. and (level) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 15:46 |
| S48 | 23 | 607/104-107.ccls. and (fluid loss) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 16:01 |
| S49 | 133 | 607/104-107.ccls. and (add\$3 near5 fluid) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:38 |

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| S50 | 63 | 607/104-107.ccls. and (level near5 detect\$3) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:41 |
| S51 | 24 | 607/104-107.ccls. and ((level near5 detect\$3) same valve) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:41 |
| S52 | 1778 | (fluid level) near5 detect\$3 | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:44 |
| S53 | 348 | ((fluid level) near5 detect\$3 same valve) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:44 |
| S54 | 348 | ((((fluid level) near5 detect\$3) same valve) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:44 |
| S55 | 63 | ((((fluid level) near5 detect\$3) same (valve with fill\$3)) | US-PGPUB; USPAT | ADJ | ON | 2007/12/13 17:45 |
| S56 | 0 | "2004007123" and latch | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 15:33 |
| S57 | 1 | "20040073123" and latch | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 15:33 |
| S58 | 1 | "20040073123" and lock \$3 | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 15:34 |
| S59 | 2 | "20040073123" or "5722414".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 15:40 |
| S60 | 359337 | "20040073123" or retract\$ | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 15:47 |
| S61 | 1 | "20040073123" and retract\$ | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 15:47 |
| S62 | 1 | "20040073123" and coupl\$ with sensor | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:04 |
| S63 | 1 | "20040073123" and (coupl\$ with sensor with first) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:07 |
| S64 | 0 | "604"/\$.ccls. and (remove with releas\$ with dye) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:08 |
| S65 | 1159 | "604"/\$.ccls. and (remove with releas\$) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:09 |
| S66 | 23 | "604"/\$.ccls. and (remove with releas\$ with drug) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:09 |
| S67 | 0 | "604"/\$.ccls. and (remove with cover with releas\$ with (medication or medicament or medicine)) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:14 |

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| S68 | 1 | "600"/\$.ccls. and (remove with cover with releas\$ with (medication or medicament or medicine)) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:17 |
| S69 | 1 | "5722414".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:20 |
| S70 | 0 | "6040"/\$.ccls. and (remove with releas\$ with dye) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:21 |
| S71 | 0 | "600"/\$.ccls. and (remove with releas\$ with dye) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:21 |
| S72 | 4 | "600"/\$.ccls. and (remove with releas\$ with drug) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:22 |
| S73 | 1 | (remove with cover with releas\$ with drug) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:22 |
| S74 | 1 | (remove with cover with releas\$ with medicine) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:23 |
| S75 | 0 | (remove with cover with releas\$ with medicament) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:23 |
| S76 | 2 | (remove with cover with releas\$ with medication) | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:23 |
| S77 | 3 | "20030208113" or "20050003470" or "20060004271" | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 19:40 |
| S78 | 1 | "5389695".pn. | US-PGPUB; USPAT | ADJ | ON | 2007/12/20 23:08 |
| S79 | 1 | "5895128".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:19 |
| S80 | 1 | "5894128".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:19 |
| S81 | 0 | saringen.in. | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:19 |
| S82 | 19 | saringer.in. | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:20 |
| S83 | 8 | saringer.in. and pump | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 10:21 |
| S84 | 1 | "5165407".pn. | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 11:48 |
| S85 | 4 | liberte.in. | US-PGPUB; USPAT | ADJ | ON | 2008/07/03 12:09 |

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| S86 | 0 | "589541".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 11:50 |
| S87 | 1 | "5895418".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 11:50 |
| S88 | 1 | "4800823".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 12:57 |
| S89 | 10 | 12/037830 | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 15:36 |
| S90 | 1 | "6001067".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 15:38 |
| S91 | 0 | "6001067".pn. and (bioactive or drug or phramacuet\$ or anti) | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 15:40 |
| S92 | 0 | "6001067".pn. and (bioactive or drug or phramaceut\$ or anti) | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 15:40 |
| S93 | 1 | "7192450".pn. and (bioactive) | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 15:45 |
| S94 | 0 | "7192450".pn. and (anesthetic) | US-PGPUB; USPAT | ADJ | ON | 2009/02/19 16:07 |
| S95 | 18614 | "600"/\$.ccls. and (continuation or divisional) | US-PGPUB; USPAT | ADJ | ON | 2009/02/20 07:53 |
| S96 | 1124 | "600"/481-505.ccls. and (continuation or divisional) | US-PGPUB; USPAT | ADJ | ON | 2009/02/20 07:55 |
| S97 | 369 | "600"/345-350.ccls. and (continuation or divisional) | US-PGPUB; USPAT | ADJ | ON | 2009/02/20 07:56 |
| S98 | 227 | "600"/365.ccls. and (continuation or divisional) | US-PGPUB; USPAT | ADJ | ON | 2009/02/20 07:57 |
| S99 | 272 | "600"/544-545.ccls. and (continuation or divisional) | US-PGPUB; USPAT | ADJ | ON | 2009/02/20 07:57 |
| S100 | 655 | "600"/529-542.ccls. and (continuation or divisional) | US-PGPUB; USPAT | ADJ | ON | 2009/02/20 07:58 |
| S101 | 1 | "5895418".pn. | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 19:53 |
| S102 | 1 | "5895418".pn. and reservoir | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 19:55 |
| S103 | 1 | "5895418".pn. and "322" | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 19:58 |
| S104 | 1 | "5895418".pn. and "360" | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 20:02 |

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| S105 | 105 | 607/104-107.ccls. and ((reservoir) same vent \$) | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 20:03 |
| S106 | 106 | 607/104-107.ccls. and ((reservoir) same vent \$) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:04 |
| S107 | 27 | S106 and (vent with hydrophobic) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:04 |
| S108 | 28 | 607/104-107.ccls. and ((fluid source) same vent\$) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:06 |
| S109 | 17 | S108 and (vent with hydrophobic) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:06 |
| S110 | 9 | 607/104-107.ccls. and ((tank) same vent\$) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:06 |
| S111 | 16 | 607/104-107.ccls. and (vent\$3 with air with liquid) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:08 |
| S112 | 29 | 607/104-107.ccls. and (vent\$3 with hydrophobic) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:09 |
| S113 | 1 | "6375674".pn. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:09 |
| S114 | 0 | "6375674".pn. and vent \$3 | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:10 |
| S115 | 0 | "6375674".pn. and (air with releas\$) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:10 |
| S116 | 5 | 607/104-107.ccls. and (vent\$3 with prevent\$3 with liquid) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:11 |
| S117 | 0 | "607"/\$.ccls. ((reservoir) same vent \$) | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 20:12 |
| S118 | 221 | "607"/\$.ccls. and ((reservoir) same vent \$) | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 20:12 |
| S119 | 29 | S118 and (vent\$ with (hydrophobic)) | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 20:12 |
| S120 | 2 | S119 not S112 | US-PGPUB; USPAT | ADJ | OFF | 2009/09/23 20:12 |
| S121 | 11 | "607"/\$.ccls. and (vent \$3 with prevent\$3 with liquid) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:13 |
| S122 | 6 | S121 not S116 | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:13 |

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| S123 | 37 | "607"/\$.ccls. and (hydrophobic with vent \$) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:14 |
| S124 | 8 | S123 not S112 | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:15 |
| S125 | 408 | ((reservoir) same vent \$3) and (vent\$3 with hydrophobic) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:16 |
| S126 | 61 | S125 and (heat near5 exchang\$) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:16 |
| S127 | 34 | S126 not S112 | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:18 |
| S128 | 1 | S125 and "62"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:18 |
| S129 | 144 | S125 and "604"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:19 |
| S130 | 363 | ((reservoir) same vent \$3 same hydrophobic) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:19 |
| S131 | 121 | S130 and "604"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:19 |
| S132 | 149 | ((reservoir) with vent\$3 with hydrophobic) | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:21 |
| S133 | 43 | S132 and "604"/\$.ccls. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:21 |
| S134 | 0 | "5486208".pn. and vent \$3 | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:23 |
| S135 | 1 | ginsburg.in. and overshoot.clm. | US-PGPUB; USPAT | ADJ | ON | 2009/09/23 20:27 |

EAST Search History (Interference)

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-------------------|------------------|---------|------------------|
| L6 | 1 | catheter.clm. and heat exchange and (vent with hydrophobic). clm. and (fluid level). clm. | US-PGPUB; UPAD | ADJ | ON | 2009/09/23 22:27 |

9/ 23/ 2009 10:29:24 PM

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